



“Bridging the Digital Divide through Cooperative Networking for Colorado”

Non-State Agencies Information



Multi-Use Network (MNT)

State of Colorado

1-866-MNT-COLO(1-866-668-2656)

www.colorado.gov/dpa/doit/mnt/

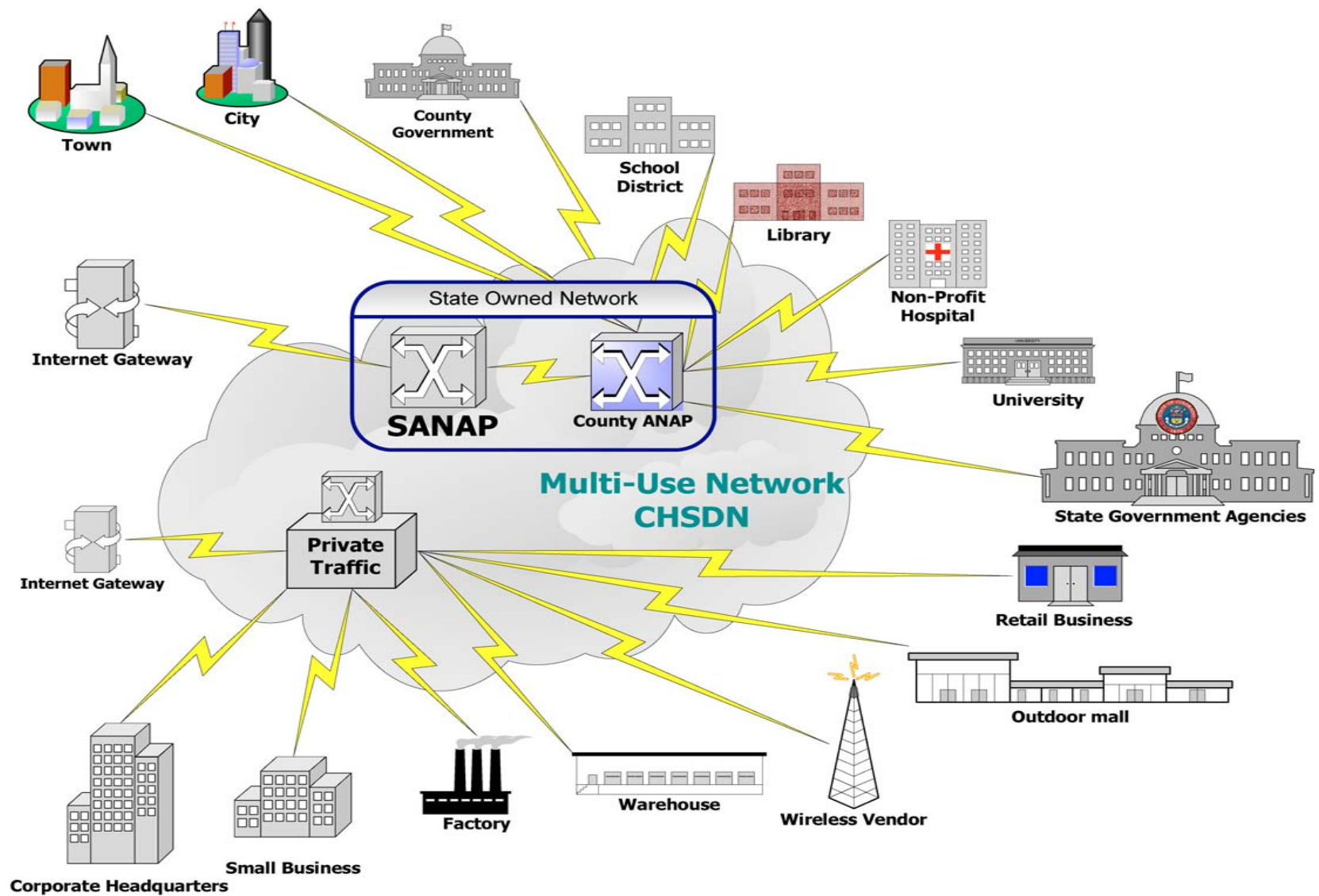




The Multi-Use Network (MNT)

- ❖ The Multi-Use Network (MNT) is a public/private partnership to build a high-speed fiber-optic network to every county seat in the State of Colorado.
- ❖ MNT is an Internet Transport Service.
- ❖ Benefits of the MNT
 - Bridge the Digital-Divide
 - Provide the needed bandwidth and accessibility to various opportunities, including:
 - Distance learning
 - Interactive learning
 - Video Conferencing
 - Aggregate state agencies communications traffic onto one statewide network. Create the backbone for e-government
 - Aggregate network traffic to reduce costs
 - Eliminate backhaul charges
 - Increase productivity
 - Enhance Connectivity

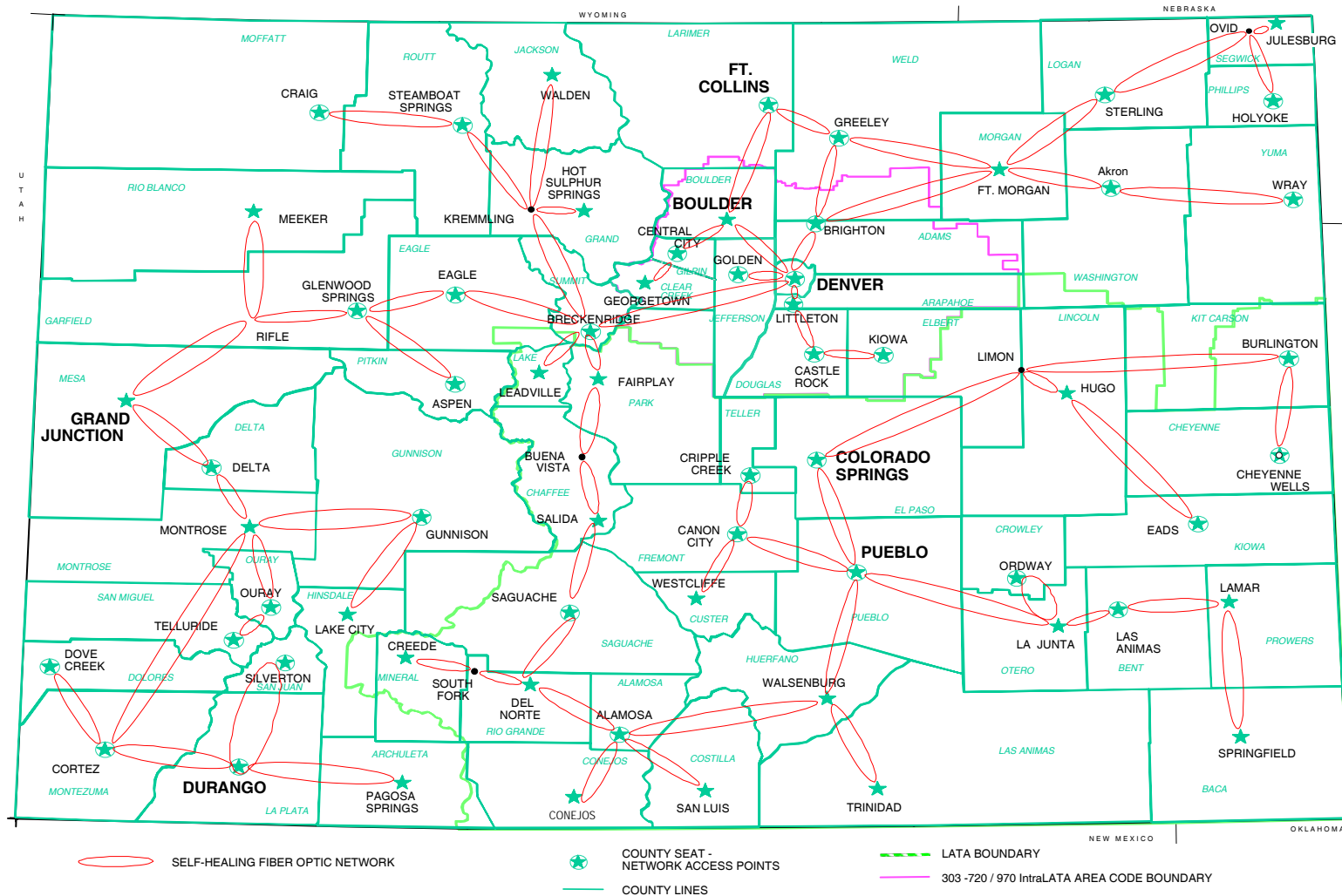




MNT Service Availability

Multi-Use Network (MNT)

www.colorado.gov/dpa/doit/mnt/



January 29, 2004



Typical MNT Timeline Per Site

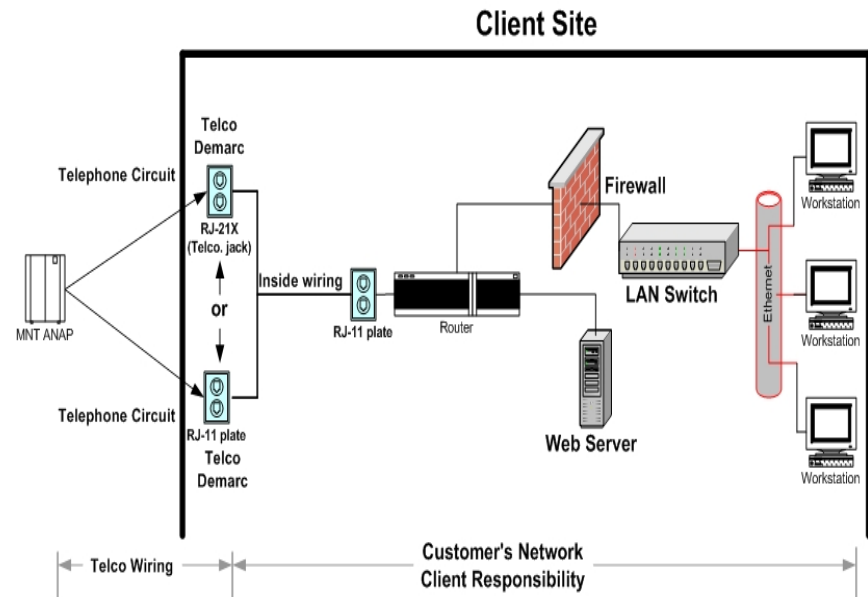
- 1) General Discovery Phase
 - 1 to 2 days
- 2) Eligibility Determination Phase
 - 1 to 2 days
- 3) Technical Discovery Phase
 - 1 to 2 days for T-1/DSL once client returns questionnaire(FRM01)
 - 14 days for Fiber once client returns questionnaire(FRM01)
- 4) Written Quote & Order Placement Phase
 - 1) 1 to 5 days depending on complexity of request
- 5) Implementation Phase
 - 1) 30 to 40 days from Order placement for T-1 depending on accessibility of facilities
 - 2) 120 days from Order Placement for Fiber depending on accessibility of facilities





MNT Responsibilities

- ❖ MNT is responsible for managing the Order placement to the Telco and Implementation management of MNT service to the Telco demarcation.
- ❖ MNT will confirm service is working prior to billing the client.
- ❖ MNT will provide service level agreement to client as well as provide service responsibilities.
- ❖ Client will provide appropriate router for the ordered service. Client responsible for router configuration.
- ❖ Client is responsible for service of all LAN environments, Telco demarcation to building facilities, web hosting, email hosting and firewall capabilities.



www.colorado.gov/dpa/doit/mnt/



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MNT Cost Model

MNT Rate 1mb UBR ATM T-1

Effective: 12/18/03-6/30/2004

ATM UBR SERVICE

UBR is a "best effort" service and provides no service guarantees. It consists of one component, PCR, and supports connections that have no performance requirements. UBR allows transport of information only if bandwidth is available. If network congestion occurs, the UBR cells are the first to be discarded. UBR supports non-mission critical data such as LAN emulation, remote access, fax, e-mail, Internet/intranet access and file transfers.

Multi-Use Network (MNT)

www.colorado.gov/dpa/doit/mnt/



Entity Site



**QWEST
Access Link & Port to MNT
Network**

\$302.40

Telco Circuit Costs
LINK & PORT

Qwest Bandwidth
Charge

ANAP

12.60

MNT Bandwidth
Charge

12.60

MNT Port & Link

SANAP

45.00

Internet Access

132.97

Internet Access
Charge

30.35

- Rate Sheet is for Cost estimates only.
- Contact the MNT project for an official quotation.
- Rate doesn't include any backhaul charges.
- Rate doesn't include installation charges.
- Rate is for Qwest Service Only

USF Charge(8.145%)

This may Change on a Quarterly
Basis by the FCC

Monthly Total \$535.93

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MNT Cost Model

MNT Rate 1.54mb CBR ATM T-1

Effective: 12/15/03-6/30/2004

Entity Site



QWEST
Access Link & Port to MNT
Network

302.40

Telco Circuit Costs
LINK & PORT

ANAP

61.44

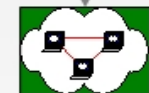
MNT Bandwidth
Charge

SANAP

61.44

MNT Bandwidth
Charge

69.50



Internet Access

MNT Port & Link

Internet Access
Charge

176.58

- Rate Sheet is for Cost estimates only.
- Contact the MNT project for an official quotation.
- Rate doesn't include any backhaul charges.
- Rate doesn't include installation charges.
- Rate is for Qwest Service Only

USF Charge(8.145%)

This may Change on a Quarterly
Basis by the FCC

40.31

Monthly Total \$711.66

Multi-Use Network (MNT)

www.colorado.gov/dpa/doit/mnt/



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MNT Cost Model

MNT Rate 3mb UBR ATM IMA 2(T-1)

Effective: 12/15/03-6/30/2004

Entity Site



QWEST
Access Link & Port to MNT
Network

604.80

Telco Circuit Costs
LINK & PORT

Qwest Bandwidth
Charge

Qwest
ANAP

37.80

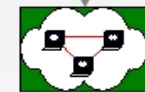
MNT Bandwidth
Charge

37.80

MNT Port & Link

MNT
SANAP

135.00



Internet Access

Internet Access
Charge

291.00

66.42

Monthly Total \$1172.83

- Rate Sheet is for Cost estimates only.
- Contact the MNT project for an official quotation.
- Rate doesn't include any backhaul charges.
- Rate doesn't include installation charges.
- Rate is for Qwest Service Only

USF Charge(8.145%)
This may Change on a
Quarterly Basis by the FCC

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MNT Cost Model

MNT Rate 10mb UBR ATM DS-3

Effective: 12/15/03-6/30/2004

ATM UBR SERVICE

UBR is a "best effort" service and provides no service guarantees. It consists of one component, PCR, and supports connections that have no performance requirements. UBR allows transport of information only if bandwidth is available. If network congestion occurs, the UBR cells are the first to be discarded. UBR supports non-mission critical data such as LAN emulation, remote access, fax, e-mail, Internet/intranet access and file transfers.

Entity Site



QWEST
Access Link & Port to MNT
Network

1211.20

Telco Circuit Costs
LINK & PORT

Qwest
ANAP

126.00

Qwest
Bandwidth Charge

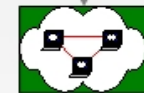
MNT
SANAP

126.00

MNT
Bandwidth Charge

450.00

Internet Access



MNT Port & Link

Internet Access
Charge

682.79

- Rate Sheet is for Cost estimates only.
- Contact the MNT project for an official quotation.
- Rate doesn't include any backhaul charges.
- Rate doesn't include installation charges.
- Rate is for Qwest Service Only

USF Charge(8.145%)

This may Change on a Quarterly
Basis by the FCC

Monthly Total \$2751.84

155.85

Multi-Use Network (MNT)

www.colorado.gov/dpa/doit/mnt/



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MNT Contact Information

Multi-Use Network (MNT)
www.colorado.gov/dpa/doit/mnt/



❖ MNT Web Site
www.colorado.gov/dpa/doit/mnt/



❖ To Receive a Written Quote or to
Place an Order MNT Hotline at 1-866-
MNT-COLO.

